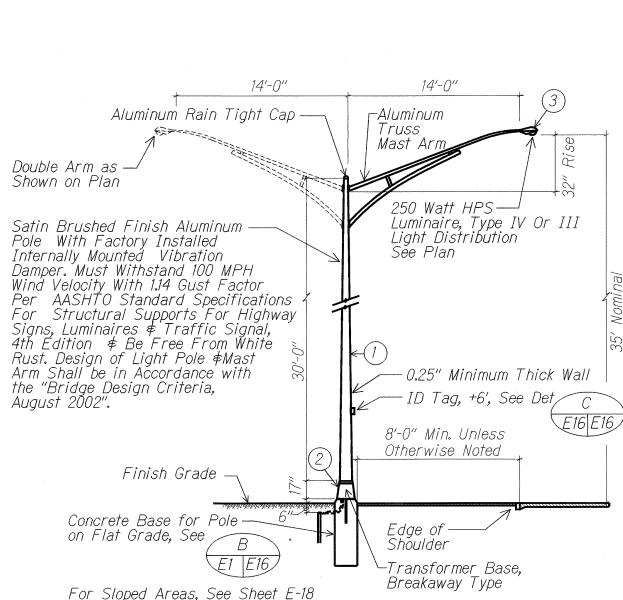
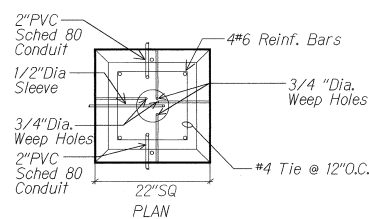
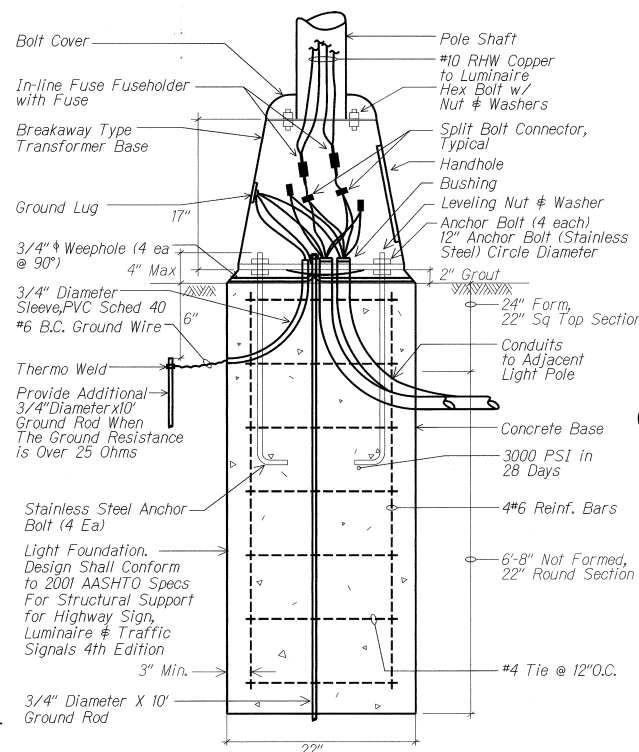


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(245)	2005	143	183

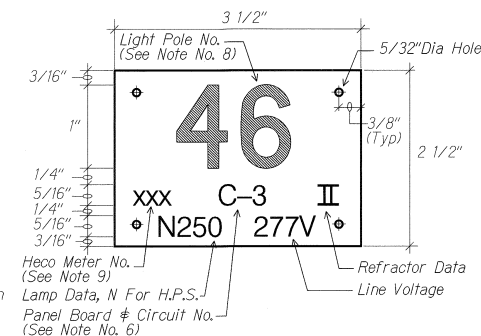


A ROADWAY LIGHT STANDARD DETAIL
E1 E16 NTS 03802-d1

MATERIAL LIST		
ITEM	DESCRIPTION	MANUFACTURER
1	Light Pole, 30', Alum	
2	Transformer Base (Alum) (Breakaway Type)	
3	Luminaire, 250W HPS	



B TYPICAL TRANSFORMER BASE WIRING DETAIL
E1 E16 NTS 03802-d1



C HIGHWAY LIGHT POLE TAG DETAIL
E16 E16 NTS

NOTES:

- Use 3 Ply Laminated Flexible Plastic Black-White-Black Thickness Black Cap Sheet-0.010", White Base Sheet-0.052", Black Base Sheet-0.010".
- Light Pole Number Size Shall Be 1" High and Engraved 1/8" Wide, White in Color (Number as Required).
- Nomenclature Size Shall be 5/16" High and Engraved 1/32" Wide, White in Color (Heco Meter Number Panel Board and Circuit Number, Line Voltage, Lamp Data and Refractor Data as Required).
- Attach to Aluminum and Steel Post with No. 8 Stainless Steel, 1/2" Long Drive Screws in 1/8" Drill Hole. Attach to Wood Poles with 4D Aluminum Nail.
- Numbers are Inscribed by Cutting Through "Black Cap Sheet" to Expose "White Letters."
- Nomenclature Required for Systems with Two or More Circuits (Letter Indicates Panel Board, Number Indicates Circuit).
- For Light Poles Installed on Ramp, Assign Numbers to Include Ramp I.D. and Light Number. Legend May Be Less Than One (1) Inch in Height.
- Light Numbers Shall be Obtained From the State. Use An Alphabet Suffix to Designate Lights Mounted on the Same Pole (e.g. 123A & 123B).
- For Non-Metered System, Call Out the Contract Number.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Hui Pang Chen



1/19/06

1/19/06

1/19/06

1/19/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY LIGHT STANDARD DETAILS

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES

WAIKAI INTERCHANGE TO KAIMAKANI STREET

Scale: Not to Scale Date: Jan. 24, 2006

SHEET No. E-16 OF 21 SHEETS